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January 1964

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE REPORT

SOVIET-TYPE SAM INSTALLATIONS, WACS 102, 103, 127, 131, 152, AND 153



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PREFACE

This is the second in a series of reports, prepared in response to CIA requirement C-RR3-80,733, presenting locational and other pertinent information on all Soviet-type surface-to-air missile (SAM) installations. 1/ Installations included are SAM launch sites (SA-1, SA-2, SA-3, and SA-0), antimissile-missile activities, SAM support facilities, SAM R & D and training facilities, and unidentified installations,

possibly SAM-related. The information will be presented by World Aeronautical Chart (WAC), and within each WAC by SAM defense area, as determined from photography and collateral sources. When the defense function of an installation has not been determined, this will be so indicated. Where no installations have been identified in a WAC area, that WAC will be omitted.

INTRODUCTION

This report presents information on all Soviet-type SAM installations located in the areas covered by WACs 102, 103, 127, 131, 152, and 153 and identified on photography. The cutoff date for this information is [redacted]. Figure 1 shows all the WAC areas, except Cuba, which will be covered in this series; those in red are covered in this report. WACs covered in the previous report are outlined in red, and the report number is indicated on the graphic. Diagrams of the configurations of the common types of SAM installations are presented in Figure 2. Information for each WAC is shown in a table (Tables 1-6), which gives detailed data, and a map (Figures 3-8), which indicates the location and type of each SAM installation. Due to the volume of data for WAC 153, Figure 8 has been repeated for easier reference.

Explanations of the columnar headings used in the tables are as follows:

Item--Given in a numerical sequence for each WAC, with numbers assigned to installations arbitrarily, and keyed to

the accompanying WAC.

Name, Site Designator, BE Number--In accordance with the TDM. Absence of any of this information indicates that it was not available at the time of publication.

Coordinates--Given in degrees, minutes, and seconds, and plotted from series 200 US Air Target Charts unless otherwise indicated in next column.

Country & Map Reference--BE country codes used. Map reference is to the Air Target Chart sheet number (scale 1:200,000) unless otherwise indicated.

Type & Configuration--Indicates the type of SAM installation and its configuration as illustrated in Figure 2.

Mission & Date First Appears--Gives the number and date of the mission on which the installation was first sighted.

Mission & Date Installation Negated--Refers to the latest [redacted] photography on which it has been established that construction of the installation had not been started. Absence of any notation indicates that this information could not be determined.

Remarks--Covers items of special or unusual interest.

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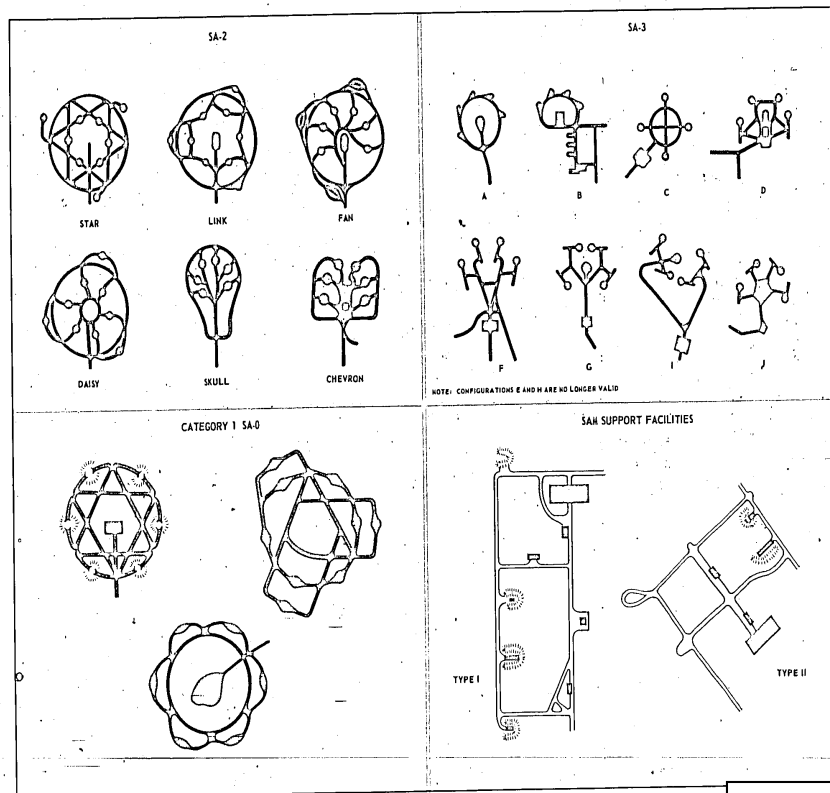


FIGURE 2. SAM INSTALLATION CONFIGURATIONS (NOT DRAWN TO COMMON SCALE)

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Table 1. SAM Installations on WAC 102

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Missiles & Date First Appears	Missiles & Date Installation Negated	Remarks
A. Leningrad to Petrozavodsk SAM Defenses (barrier defense between Leningrad and Petrozavodsk)							
25X1A	Volkhov SAM Site A01-2	00-05-10N 29-30-35E	UR 0102-21	SA-2, link			
25X1A	Volkhov SAM Site C04-2	00-19-40N 22-54-30E	UR 0102-21	SA-2, Configuration undetermined			
25X1A	Lodeynoye Pole SAM Site A25-2	00-40-31N 33-21-02E	UR 0102-21	SA-2, link			
25X1A	Pudopozhnyo SAM Site, 0102-	01-05-20N 31-21-13E	UR 0102-16	SA-2, link			
B. Petrozavodsk SAM Defenses (in defense of Petrozavodsk)							
25X1A	Petrozavodsk SAM Site B30-2	61-21-30N 33-54-00E	UR 0102-11	SA-2, fan			
25X1A	Petrozavodsk SAM Support Facility	61-46-15N 34-04-30E	UR 0102-11	Type II (square)			
25X1A	Petrozavodsk SAM Site A32-2	61-47-50N 34-03-00E	UR 0102-11	SA-2, daisy			
25X1A	Petrozavodsk SAM Site B12-2	61-24-50N 34-42-00E	UR 0102-17	SA-2, link			
25X1A	Petrozavodsk SAM Site B01-2	61-20-20N 34-24-20E	UR 0102-11	SA-2, daisy			
C. Ploestek ICBM Complex SAM Defenses (in defense of Ploestek ICBM Complex)							
25X1A	Ploestek ICBM Complex SAM Site C24-2y	62-14-30N 40-01-20E	UR 0102-9	SA-2, fan			
25X1A	Ploestek ICBM Complex SAM Site B50-2	62-56-30N 40-08-20E	UR 0102-9	SA-2, fan			
25X1A	Ploestek ICBM Complex SAM Site A32-2	63-01-10N 40-22-00E	UR 0102-9	SA-2, Configuration F			
25X1A	Ploestek ICBM Complex SAM Site B36A-2	63-11-00N 40-33-20E	UR 0102-9	SA-2, unvetted			This site is immediately north of Ploestek ICBM Complex SAM Site B36-2. It was previously carried as a Category 2 SA-2 SAM Site.
25X1A	Ploestek ICBM Complex SAM Site B36-2	63-10-50N 40-31-45E	UR 0102-9	SA-2, Prob daisy			
25X1A	Ploestek ICBM Complex SAM Site B06-2	63-06-10N 41-06-30E	UR 0102-9	SA-2, Poss Link			
25X1A	Ploestek ICBM Complex SAM Site B06A-2	63-05-55N 41-06-15E	UR 0102-9	SA-2, unvetted			This site is immediately south of Ploestek ICBM Complex SAM Site B06-2. It was previously carried as a Category 2 SA-2 SAM Site.
25X1A	Ploestek ICBM Complex SAM Support Facility	62-10-25N 40-10-20E	UR 0102-9	Type I (rectangular)			
25X1A	Ploestek ICBM Complex SAM Site B17-2	62-43-32N 40-46-10E	UR 0102-9	SA-2, daisy			
25X1A	Ploestek ICBM Complex SAM Site B15-2	62-10-50N 41-08-00E	UR 0102-9	SA-2, electron			

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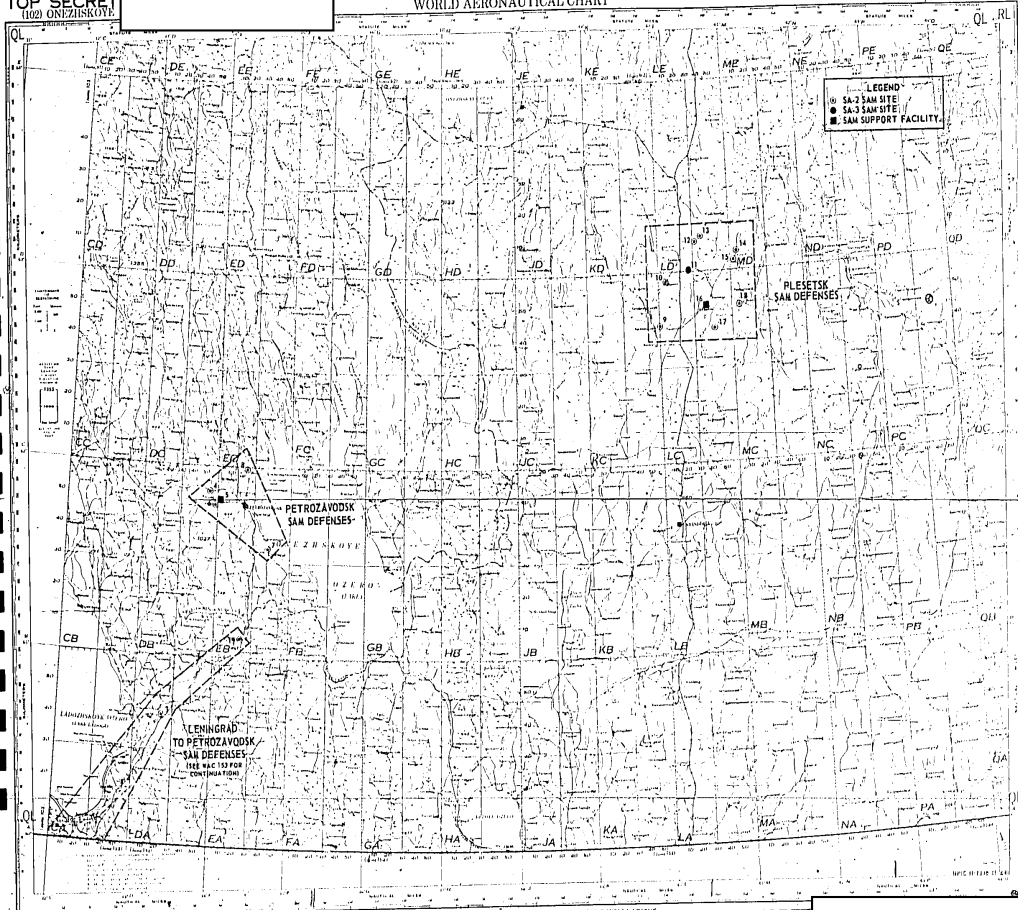
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(102) ONEZINSKOYE

WORLD AERONAUTICAL CHART

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FIGURE 3. WAC 102, SHOWING LOCATIONS OF SOVIET-TYPE SAM INSTALLATIONS.

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25X1A
25X1A
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Table 2. SAM Installations on WAG 103

Item	Name, Site Designator, & DE No	Coordinates	Country & Map Ref.	Type & Configuration	Mission & Date First Appearance	Mission & Date Installation Negated	Remarks
A. Leningrad SAM Defenses (in defense of Leningrad - second largest city in USSR; major shipbuilding and naval facilities; airfields; and defense research, development, and production facilities)							
✓ 1	Leningrad SAM Site B29-3	00-01-20N 29-41-20E	UR 0103-25	SA-2, Configuration G	SA-2, fan		
✓ 2	Leningrad SAM Site B29-3	00-01-20N 29-41-45E	UR 0103-25	SA-2, fan			
✓ 3	Leningrad SAM Site D30-3	00-10-00N 29-23-55E	UR 0103-24	SA-2, fan			
✓ 4	Leningrad SAM Site D30-3	00-10-00N 29-23-10E	UR 0103-24	SA-2, Configuration G			
✓ 5	Leningrad SAM Site D31-2	00-12-52N 29-29-55E	UR 0103-24	SA-2, chevron			
✓ 6	Leningrad SAM Site C31-2	00-14-00N 29-34-55E	UR 0103-24	SA-2, fan			
✓ 7	Leningrad SAM Site C31-2	00-14-00N 29-34-45E	UR 0103-24	SA-2, Category G			
✓ 8	Leningrad SAM Site C32A	00-14-11N 29-40-00N	UR 0103-25	SA-2, fan			
✓ 9	Leningrad SAM Site C32B	00-15-45N 29-42-20E	UR 0103-25	SA-2, fan			
✓ 10	Leningrad SAM Site C32A	00-17-05N 29-44-40E	UR 0103-25	SA-2, chevron			
✓ 11	Leningrad SAM Site C33A	00-18-50N 29-48-45E	UR 0103-25	SA-2, fan			
✓ 12	Leningrad SAM Site D32-3	00-20-10N 29-37-20E	UR 0103-25	SA-2, Configuration G			
✓ 13	Leningrad SAM Site C34-3	00-20-15N 29-52-55E	UR 0103-25	SA-2, chevron			
✓ 14	Leningrad NE Probable AMM Launch Complex D34	00-27-15N 29-44-00E	UR 0103-25	Prob AMM			This is one of three probable AMM launch complexes deployed at Leningrad.
✓ 15	Leningrad SAM Site D34-3	00-27-20N 29-44-00E	UR 0103-25	SA-2, Configuration J			This SA-2 site is located within the security fence which surrounds Probable AMM Complex D34.
✓ 16	Leningrad SAM Site D35-3	00-28-00N 29-57-20E	UR 0103-25	SA-2, Configuration J			
✓ 17	Leningrad SAM Site C36-3	00-23-00N 30-09-30E	UR 0103-25	SA-2, Configuration J			
✓ 18	Leningrad SAM Site C35-3	00-21-30N 30-06-40E	UR 0103-25	SA-2, fan			
✓ 19	Leningrad SAM Assembly and Support Facility No 1	00-27-20N 30-11-10E	UR 0103-25	Missile assembly & storage facility			This is one of four such facilities at Leningrad.
✓ 20	Leningrad SAM Site C36-2	00-21-00N 30-16-05E	UR 0103-25	SA-2, chevron			
✓ 21	Leningrad SAM Site C31-3	00-21-20N 30-24-00E	UR 0103-25	SA-2, Configuration J			
✓ 22	Leningrad SAM Site C37-3	00-20-00N 30-27-05E	UR 0103-25	SA-2, chevron			
✓ 23	Leningrad SAM Site C32-2	00-18-50N 30-26-50E	UR 0103-25	SA-2, fan			
✓ 24	Leningrad SAM Site C32-2	00-18-50N 30-27-00E	UR 0103-25	SA-2, Configuration J			
✓ 25	Leningrad SAM Site C34-2	00-14-15N 30-25-20E	UR 0103-25	SA-2, Configuration J			
✓ 26	Leningrad SAM Site C34-2	00-15-30N 30-22-35E	UR 0103-25	SA-2, fan			
✓ 27	Leningrad SAM Site C35-2	00-12-15N 30-24-40E	UR 0103-25	SA-2, chevron			
✓ 28	Leningrad NE Probable AMM Launch Complex	00-06-20N 30-44-45E	UR 0103-25	Prob AMM			This is one of three probable AMM launch complexes deployed at Leningrad.
✓ 29	Leningrad SAM Site C36-3	00-07-10N 31-00-10E	UR 0103-25	SA-2, Configuration J			This site could possibly serve as a training facility associated with the SA-2 and possible AMM training sites at C36.
✓ 30	Leningrad SAM Training Facility C36	00-07-10N 30-50-20E	UR 0103-25	Training facility			Consists of two SA-2 sites and a possible AMM training site (the latter first appeared in [redacted]).
✓ 31	Leningrad SAM Assembly and Support Facility	00-03-00N 31-02-30E	UR 0103-25	Missile assembly & storage facility			This is one of four such facilities at Leningrad.
✓ 32	Leningrad SAM Site C36-2	00-01-20N 31-02-45E	UR 0103-25	SA-2, fan			

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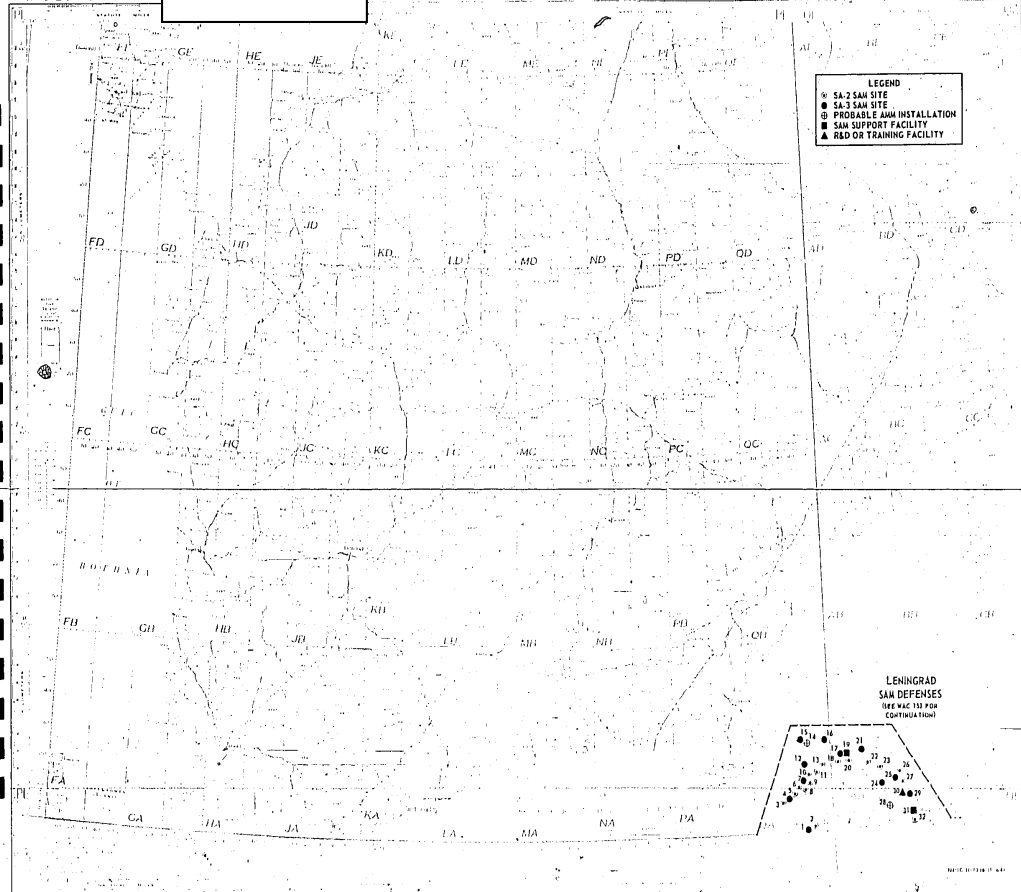


FIGURE 4. WAC 103, SHOWING LOCATIONS OF SOVIET-TYPE SAM INSTALLATIONS.

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Table 3. SAM Installations on WAC 127

Dum	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Reported	Remarks
A. Bratislava SAM Defenses (in defense of Bratislava hydroelectric dam)							
25X1A ²	Bratislava SAM Site B31A-2	56-14-00N 101-27-00E	UR 0127-22	SA-2, link			This site was previously carried as Category 2 SA-2 SAM site.
25X1A ¹	Bratislava SAM Site B31A-1	56-12-50N 101-30-45E	UR 0127-22	SA-2, unrevetted			
25X1A ⁴	Bratislava SAM Support Facility	56-17-20N 101-40-00E	UR 0127-22	Type 1 (rectangular)			This site, formerly called a Category 2 SA-2 SAM site, consists of at least 5 probable positions (unrevetted) located along an irregular road pattern.
25X1A ⁵	Bratislava SAM Site C35-2	56-30-00N 101-35-10E	UR 0127-22	SA-2, Prob link			
25X1A ³	Bratislava SAM Site A35-2	56-10-00N 101-55-15E	UR 0127-22	SA-2, link			
	Bratislava SAM Site C35-1	56-20-50N 102-00-30E	UR 0127-22	SA-2, link			
	Bratislava SAM Site C35A-2, 0127	56-24-00N 102-00-30E	UR 0127-22	Type & configuration undetermined			

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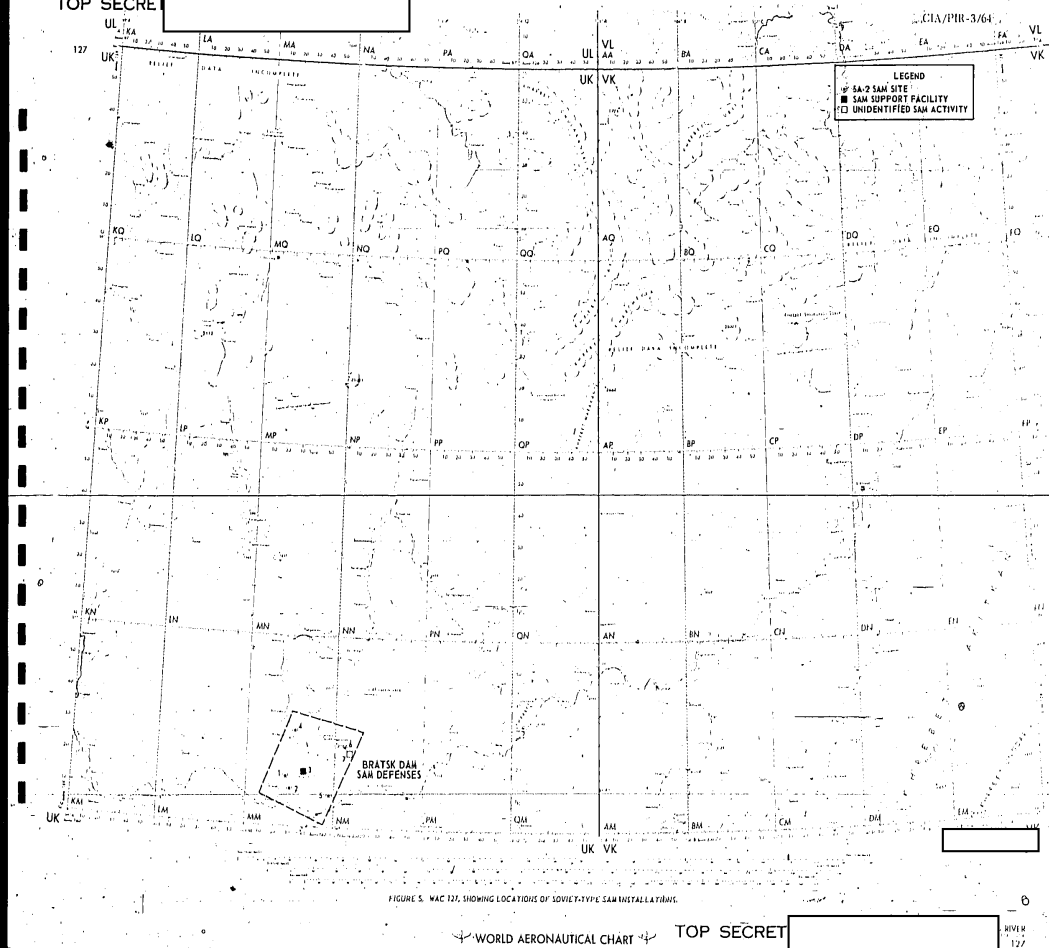


FIGURE 5. WAC 127, SHOWING LOCATIONS OF SOVIET-TYPE SAM INSTALLATIONS.

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Table 4. SAM Installations on WAC 131

Item	Name, Site Designator, & BE No	Coordinates	County & Map Ref	Type & Configuration	Mission & Date First Appears	Mission & Date Installation Negated	Remarks
A. Magadan SAM Defense (in defense of Magadan complex and port)							
1	Magadan SAM Site B35-2	50-45-00N 150-47-50E	UR 0131-4	SA-2, chevron			
2	Magadan SAM Support Facility	50-50-10N 150-46-30E	UR 0131-4	Type II (square)			
3	Magadan SAM Site A13-2	50-50-30N 150-55-30E	UR 0131-4	SA-2, flag			

25X1A

25X1D

25X1A

25X1A

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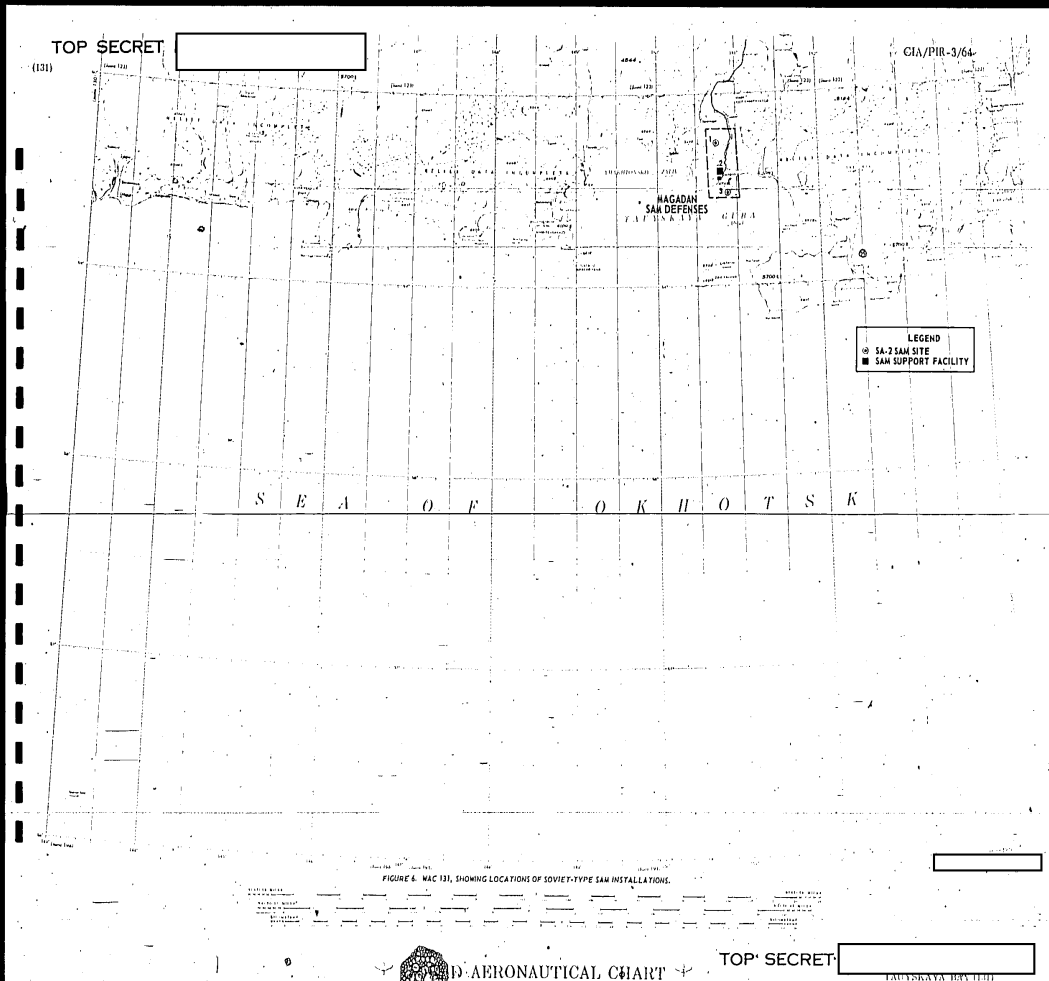


FIGURE 6. MAC 131, SHOWING LOCATIONS OF SOVIET-TYPE SAM INSTALLATIONS.

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Table 5. SAM Installations on WAC 152

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Appoint	Mission & Date Installation Negot	Remarks
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A. Palanga to Ventspils SAM Defense (barrier defense of the Baltic Coast between Palanga and Ventspils)

25X1A Ventspils SAM Site A23-
25X1A Liepaja SAM Site C02-3,
25X1A Liepaja SAM Site C02-2,
25X1A Liepaja SAM Site A01-2,
Liepaja SAM Site A26-3,
Liepaja SAM Support Facility,
Liepaja SAM Site A19-3,
Palanga SAM Site B01-3

57-22-35N 21-31-40E UR 0152-20 SA-2, link
56-53-10N 21-10-40E UR 0152-20 SA-3, Configuration F
56-53-08N 21-10-15E UR 0152-20 SA-2, link
56-35-20N 21-01-10E UR 0152-25 SA-2, link
56-33-30N 21-00-45E UR 0152-25 SA-3, Configuration G
56-31-30N 21-00-10E UR 0152-25 Type II (square)
56-27-30N 21-00-20E UR 0152-25 SA-3, Configuration F
56-06-52N 21-00-45E UR 0152-25 SA-3, Configuration F

25X1D

B. Nigardo SAM Defense (in defense of Nigardo IRBM Complex)

25X1A Liepaja SAM Site D11-
56-25-10N 21-54-55E UR 0152-25 SA-2, link

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(152) GOTLAND

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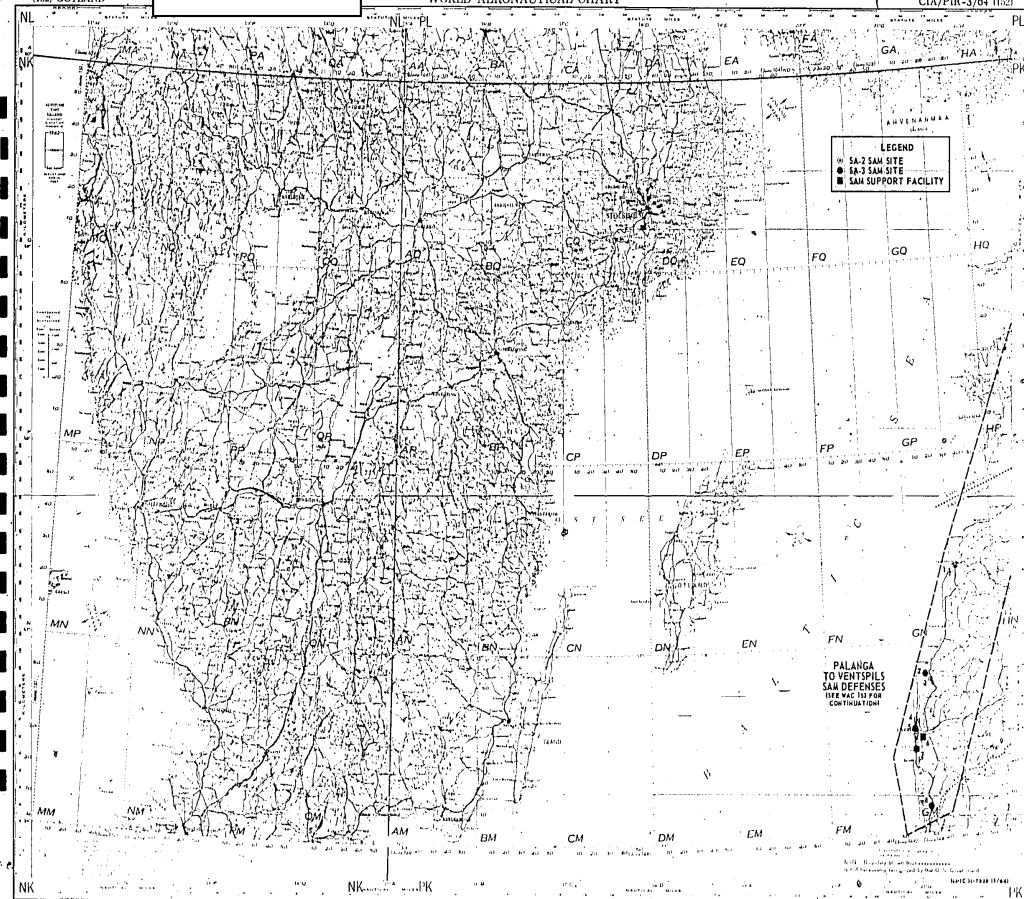


FIGURE 7. WAC 152, SHOWING LOCATIONS OF SOVIET-TYPE SAM INSTALLATIONS.

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Table G. SAM Installations on WAC 153

Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Mission & Date First Apparent	Mission & Date Installation Negotiated	Remarks
A. Ventspils to Tallinn SAM Defenses (in defense of the Baltic Coast between Ventspils and Tallinn; the Risti MRBM Complex; Paldiski Naval Base; and Haapsalu)							
25X1A	Kuressaare SAM Site C22-2	57-55-55N 22-04-10E	UR 0153-11	SA-2, link			
25X1A	Kuressaare SAM Site A12-2	58-10-05N 22-10-00E	UR 0153-11	SA-2, link			
25X1A	Kuressaare SAM Site B07-2	58-25-20N 22-54-05E	UR 0153-11	SA-2, Category 1			
25X1A	Haapsalu SAM Site C21-2	58-05-30N 23-11-00E	UR 0153-6	SA-2, link			
25X1A	Haapsalu SAM Site A20-2	58-55-30N 22-26-35E	UR 0153-6	SA-2, link			
25X1A	Tallinn SAM Site B27-2	59-21-30N 24-08-50E	UR 0153-1	SA-2, link			
B. Tallinn SAM Defenses (in defense of Tallinn and Tallinn Naval Base)							
25X1A	Tallinn SAM Site A20-2	59-27-00N 24-29-15E	UR 0153-2	SA-2, link			
25X1A	Tallinn SAM Site A22-2	59-30-10N 24-37-10E	UR 0153-2	SA-2, fan			
25X1A	Tallinn SAM Support Facility	59-30-50N 24-47-10E	UR 0153-2	Type I (rectangular)			
25X1A	Tallinn SAM Site A02-2	59-35-10N 24-02-30E	UR 0153-2	SA-2, link			
C. Tallinn to Leningrad SAM Defenses (in defense of the southern coast of the Gulf of Finland; Narva; Rakvere MRBM Complex; and Molokovskiy MRBM Complex)							
25X1A	Tallinn SAM Site C20-2	59-27-20N 25-29-20E	UR 0153-2	SA-2, link			
25X1A	Tapa SAM Site A21-2	59-11-20N 25-54-25E	UR 0153-7	SA-2, link			
25X1A	Rakvere MRBM Complex SAM Site B35-2	59-22-40N 26-18-20E	UR 0153-2	SA-2, link			
25X1A	Rakvere MRBM Complex SAM Site D08-2	59-21-50N 26-54-10E	UR 0153-3	SA-2, star			
25X1A	Narva SAM Site A24-2	59-26-10N 28-08-40E	UR 0153-3	SA-2, link			
25X1A	Molokovskiy MRBM Complex SAM Support Facility	59-32-40N 28-47-55E	UR 0153-4	Type II (square)			
25X1A	Molokovskiy MRBM Complex SAM Site A22-2	59-33-10N 29-00-00E	UR 0153-4	SA-2, link			
25X1A	Molokovskiy MRBM Complex SAM Site B29-2	59-33-40N 29-47-40E	UR 0153-4	SA-2, link			
25X1A	Molokovskiy MRBM Complex SAM Site B35-2	59-30-25N 29-02-10E	UR 0153-4	SA-2, Category 1			
D. Leningrad SAM Defenses (in defense of Leningrad-around target city in USSR; major shipbuilding and naval facilities; airfields; and defense research, development, and production facilities)							
25X1A	Leningrad SAM Site D28-2	59-37-30N 29-17-10E	UR 0153-4	SA-2, Configuration G			
25X1A	Leningrad SAM Site D29-2	59-47-50N 29-17-25E	UR 0153-4	SA-2, chevron			
25X1A	Leningrad SAM Site C27-2	59-43-40N 29-26-40E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site D25-2	59-42-20N 29-17-10E	UR 0153-4	SA-2, Configuration J			
25X1A	Leningrad SAM Site C26-2	59-42-30N 29-23-50E	UR 0153-4	SA-2, Configuration J			
25X1A	Leningrad SW Probable AMM Launch Complex	59-43-00N 29-18-20E	UR 0153-4	Prob AMM			This is one of three probable AMM launch complexes deployed at Leningrad.
25X1A	Leningrad SAM Site C26-2	59-47-12N 29-32-10E	UR 0153-4	SA-2, chevron			
25X1A	Leningrad SAM Site C25-2	59-45-50N 29-34-00E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site D24-2	59-47-30N 29-26-00E	UR 0153-4	SA-2, Configuration J			
25X1A	Leningrad SAM Site C23-2	59-46-50N 29-26-30E	UR 0153-4	SA-2, chevron			
25X1A	Leningrad SAM Site C19-2	59-40-50N 29-27-55E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site C21-2	59-44-00N 29-42-30E	UR 0153-4	SA-2, Configuration J			
25X1A	Leningrad SAM Site C22-2	59-42-25N 29-44-10E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site C21A-2	59-42-00N 29-47-30E	UR 0153-4	SA-2, fan			Believed to be a probable training facility, because of its location with respect to adjacent building area, and its orientation. This is one of four such facilities located at Leningrad.
25X1A	Leningrad SAM Assembly and Support Facility	59-31-30N 29-25-10E	UR 0153-4	Missile assembly and storage facility			
25X1A	No	59-30-50N 29-34-00E	UR 0153-4	SA-2, Configuration J			
25X1A	Leningrad SAM Site C21-2	59-30-50N 29-34-00E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site C20-2	59-30-50N 29-34-00E	UR 0153-4	SA-2, chevron			
25X1A	Leningrad SAM Site C18-2	59-30-50N 29-34-00E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site C19-2	59-31-10N 29-32-00E	UR 0153-4	SA-2, chevron			
25X1A	Leningrad SAM Site C17-2	59-30-50N 29-34-00E	UR 0153-4	SA-2, fan			
25X1A	Leningrad SAM Site C16-2	59-30-50N 29-34-00E	UR 0153-4	SA-2, chevron			
25X1A	Leningrad SAM Assembly and Support Facility	59-30-50N 29-34-00E	UR 0153-4	Missile assembly and storage facility			This is one of four such facilities located at Leningrad.

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WORLD AERONAUTICAL CHART

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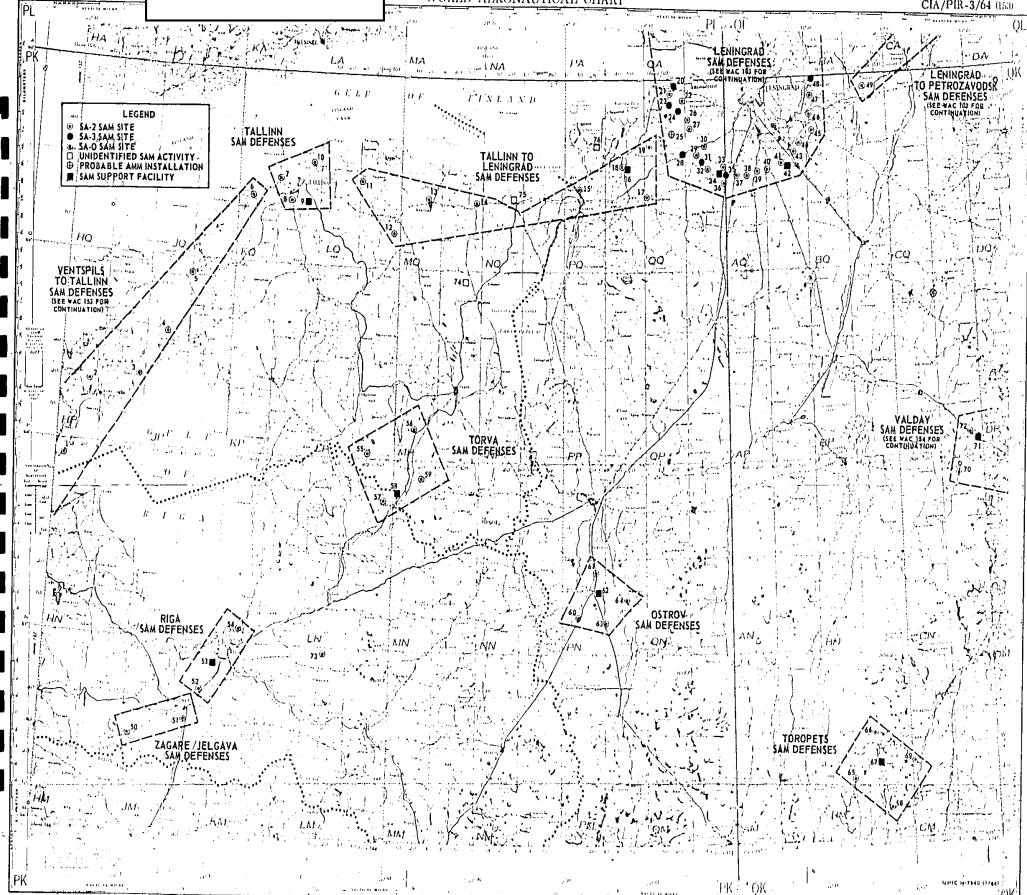


FIGURE 8. WAC 1153, SHOWING LOCATIONS OF SOVIET-TYPE SAM INSTALLATIONS.

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CIA/PIR-3/64

Table 6. (Continued)

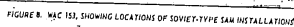
Item	Name, Site Designator, & BE No	Coordinates	Country & Map Ref	Type & Configuration	Missile & Date First Appeared	Missile & Date Installation Suggested	Remarks
25X1A	43 Leningrad SAM Site C10-2	59-56-50N 30-46-30E	UR 0153-5	SA-2, fan			
✓ 44	Leningrad SAM Site C14-2	59-59-35N 30-52-10E	UR 0153-5	SA-2, chevron			
✓ 45	Leningrad SAM Site C15-2	59-45-40N 31-01-40E	UR 0153-5	SA-2, fan			
✓ 46	Leningrad SAM Site C19-2	59-40-25N 31-04-40E	UR 0153-5	SA-2, chevron			
✓ 47	Leningrad SAM Site C19-2	59-44-45N 31-02-40E	UR 0153-5	SA-2, fan			
48	Leningrad SAM Site C08-2	59-59-40N 31-04-30E	UR 0153-5	SA-3, Configuration J			
49	E. Leningrad to Petzavodsk SAM Defense (barrier defense between Leningrad and Petzavodsk)						
25X1A	Volkhov SAM Site B26-2	59-56-45N 31-43-50E	UR 0153-5	SA-2, link			
50	Zagorsk/Jelgava MRBM Complex SAM Defenses (probably in defense of Zagorsk MRBM Complex and Jelgava MRBM Complex)						
25X1A	Jelgava SAM Site C25-2	56-29-30N 23-02-40E	UR 0153-24	SA-2, link			
25X1A	Jelgava SAM Site A22-2	56-31-50N 23-30-15E	UR 0153-21	SA-2, star			
51	G. Riga SAM Defense (in defense of Riga)						
52	Jelgava SAM Site A03-2	56-45-00N 23-46-30E	UR 0153-21	SA-2, link			
25X1A	Riga SAM Support Facility	56-54-32N 23-56-40E	UR 0153-16	Type I (rectangular)			
25X1A	Riga SAM Site B05-2	57-05-40N 24-13-00E	UR 0153-17	SA-2, link			One large circular rosette of unknown function is associated with this site.
53	Torva MRBM Complex SAM Defense (in defense of Torva MRBM Complex)						
25X1A	Torva MRBM Complex SAM Site B30-2	56-02-30N 25-39-20E	UR 0153-12A	SA-2, link			
54	Torva MRBM Complex SAM Site B02-2	56-10-45N 26-12-55E	UR 0153-12	SA-2, link			
57	Torva MRBM Complex SAM Site B22-2	57-17-12N 25-43-40E	UR 0153-12	SA-2, link			
58	Torva MRBM Complex SAM Support Facility, 0153	57-56-40N 26-42-30E	UR 0153-12	Type I (rectangular)			
25X1A	Torva MRBM Complex SAM Site A12-2	57-54-30N 26-19-25E	UR 0153-12	SA-2, link			
59	I. Ostrov/Gondchovka Airfield SAM Defense (in defense of Ostrov/Gondchovka Airfield)						
60	Ostrov SAM Site A22-2	57-12-45N 28-10-10E	UR 0153-18	SA-2, fan			
25X1A	Ostrov SAM Site A01-2	57-20-40N 28-21-40E	UR 0153-18	SA-2, fan			
63	Ostrov SAM Support Facility	57-18-20N 28-23-30E	UR 0153-18	Type I (rectangular)			
64	Ostrov SAM Site B75-2	57-10-05N 28-29-52E	UR 0153-18	SA-2, fan			
64	Ostrov SAM Site B11-2	57-17-45N 28-46-25E	UR 0153-19	SA-2, Category I			
65	J. Tompele Regional Military Storage Installation SAM Defense (in defense of Tompele Regional Military Storage Installation)						
66	Tompele SAM Site B25-2	56-18-40N 31-20-40E	UR 0153-25	SA-2, link			
66	Tompele SAM Site A34-2	56-24-40N 31-25-40E	UR 0153-25	SA-2, link			
25X1A	Tompele SAM Support Facility	56-24-30N 31-36-15E	UR 0153-25	Type II (square)			
68	Tompele SAM Site, 0153	56-10-41N 31-14-40E	UR 0153-25	SA-2, link			
69	Tompele SAM Site B12-2	56-21-40N 32-01-40E	UR 0153-25	SA-2, link			
25X2							
70	Pelkova R BM Complex SAM Site C30-2	57-51-20N 32-12-40E	UR 0153-15	SA-2, fan			
25X1A	Pelkova R BM Complex SAM Support Facility	58-01-20N 32-56-20E	UR 0153-15	Type II, (square)			
25X1A	Pelkova R BM Complex SAM Site C03-2	58-06-30N 32-51-10E	UR 0153-15	SA-2, link			
25X1A	Malpila SAM Site (defense role undetermined)						
25X1A	Malpila SAM Site A11-2	56-56-32N 25-12-43E	UR 0153-17	SA-2, Configuration undetermined			This site has seldom been seen, and the photography was of poor quality.
71	Suspect SAM Sites (the defense roles and capabilities of the following installations have not been determined)						
71	Muskeve Suspect SAM Site, 0153	56-50-20N 26-47-40E	UR 0153-4	Type unknown, Irregular			
75	Johvi Suspect SAM Site, 0153	59-23-40N 27-21-35E	UR 0153-3	Type unknown, Irregular			
76	Narva Suspect SAM Site, 0153	59-38-30N 26-21-30E	UR 0153-3	Type unknown, Irregular			

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INDEX OF RICA

CIA/PIR-3/64 (153)



TOP SECRET

TOP SECRET [redacted]

CIA/PIR-3/64

REFERENCES

DOCUMENTS

1. CIA/PIR-1/64, Series-Type SAM Installations, WACs 60, 61, 75, 91, and 92, Jan 64 (TOP SECRET [redacted])

REQUIREMENT

CIA. OIR/713-50, T23

PROJECT

C-1580/93 (partial answer)